

REMARKS

The Examiner has rejected claims 1, 2, 26-30 and 55 under 35 U.S.C. 102(b) as being anticipated by Hiramatsu (U.S. Pat. No. 5,136,614). The Examiner has stated in his rejection that Hiramatsu discloses a method for transmitting binary information from an information stream that anticipates the claimed invention. The Examiner rejected most of the rest of the claims under 35 U.S.C. 103 (a) as being unpatentable over Hiramatsu in view of several other patents and combinations thereof.

As discussed in detail above Applicant respectfully disagrees with the Examiner's finding that Hiramatsu alone, or in view of the other cited references, anticipates or makes obvious Applicant's invention to someone skilled in the art. The Examiner has misinterpreted what was merely a drawing convention which had nothing to do with the patent cited as something actually disclosed in the prior art and has thus completely ignored the true novelty of the invention claimed in this important application. The novelty is based in the fact that the invention is an RF signal and method of constructing such signal by deleting an integer number of discrete wavelets resulting in the ability to greatly increase the transmission of data and greatly decrease the bandwidth required.

Amended claims 1-54 and 62-63 now appear in the application. Reconsideration of the application and the patentable merits of the subject matter covered by these claims is respectfully requested. Applicant submits that claims 1-54 and 62-63 are allowable and respectfully requests early favorable action by the Examiner.

If the Examiner believes a telephonic interview with Applicant's representative would aid in the prosecution of this application, he is cordially invited to contact Applicant's representative at the below listed number.

May 6, 2004

Date

Respectfully submitted,



Dennis L. Cook, Esq.

Registration No. 30,826

Phone No.: 813-787-0463

Fax No.: 813-814-2825

Address: 10004 Marathon Ct.
Tampa, FL 33615